

# My Pals 6A Chp Review D (1, 2, 3, 4, 5, ~~6~~, ~~7~~, 22, 30)

1. 9, 0, 6, 7  
biggest odd number = 9607

$$2. \quad 3 \div \frac{3}{8}$$

$$= 3 \times \frac{8}{3}$$

$$= 8$$

3. 5100 (round to nearest hundred)  
Smallest number can be 5050  
 $5049 \approx 5000$  (nearest hundred)

$$4. \quad \frac{2}{3} \div \frac{5}{9}$$

$$= \frac{2}{3} \times \frac{9}{5}$$

$$= \frac{6}{5}$$

$$= 1\frac{1}{5}$$

5.  $\frac{4}{5}, \frac{5}{6}, 0.96$  or  $0.82$   
which is the biggest?  
change all into decimals

$$\frac{4}{5} = \frac{8}{10} = 0.8$$

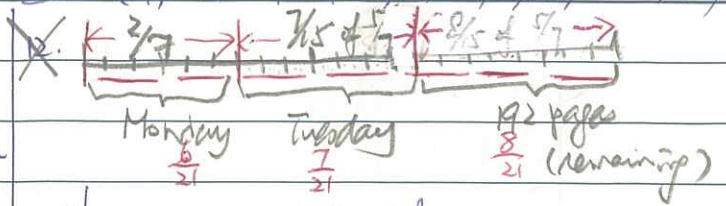
$$\frac{5}{6} = 5 \div 6 = 0.8\bar{3}$$

$$0.96 = 0.96$$

$$0.82 = 0.82$$

$$\frac{4}{5} < 0.82 < \frac{5}{6} < 0.96$$

$\therefore 0.96$  is the greatest.



There are all together

$$3 \times 2 + 3 \times 5 = 21 \text{ portions of the whole book}$$

$$21 - (2 \times 3) - 7 = 21 - 6 - 7 = 21 - 13 = 8$$

8 portions of the book = 192 pages

$$\frac{192}{8} \times 21$$

$$= 24 \times 21$$

$$= 504$$

$\therefore$  There are 504 pages in the book.

~~a~~ a pair of gloves cost  $\$ \frac{m}{12}$

b) she got  $\$(25 - 3m)$  change

22. Mr. Mari earns  $\$3650$  / month

Mrs. Mari earns  $\$3650 \times \frac{3}{4}$  / month

Mr. Mari save  $\$3650 \times \frac{1}{5}$  / month

Mrs. Mari save  $\$3650 \times \frac{3}{4} \times \frac{2}{5}$  / month

They save the following in a year:

$$(\$3650 \times \frac{1}{5} + \$3650 \times \frac{3}{4} \times \frac{2}{5}) \times 12$$

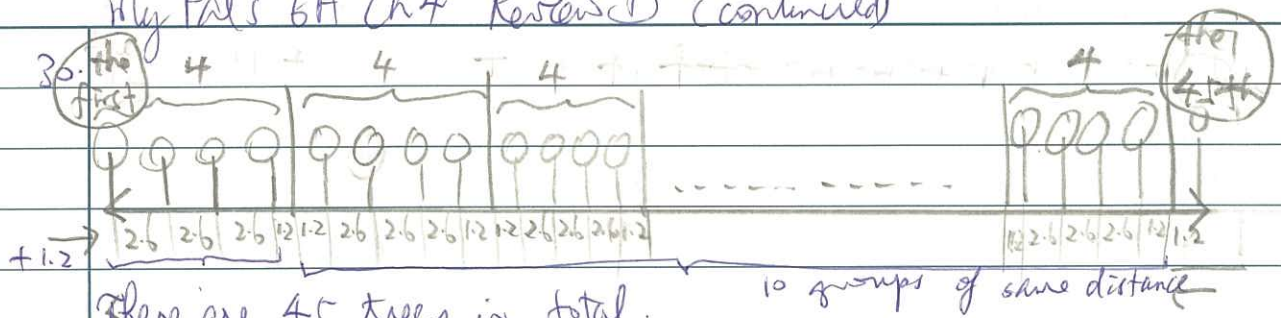
$$= (730 + 1395) \times 12$$

$$= 1825 \times 12$$

$$= \$21900$$

$$\begin{array}{r} 1825 \\ \times 12 \\ \hline 18250 \\ 36500 \\ \hline 21900 \end{array}$$

# My Pals 6A Ch 4 Review (continued)



There are 45 trees in total.

every 4 trees form a group, if we move the 45th tree to the front all 11 groups of trees have the same distance.

$$\begin{aligned}
 & 2.6 + 2.6 + 2.6 + 1.2 + 1.2 \\
 &= 2.6 \times 3 + 1.2 \times 2 \\
 &= 7.8 + 2.4 \\
 &= 10.2 \text{ m}
 \end{aligned}$$

Total distance of the road is

$$\begin{aligned}
 & 10.2 \times 11 \\
 &= 112.2 \text{ m}
 \end{aligned}$$

$$\begin{array}{r}
 10.2 \\
 \times 11 \\
 \hline
 102 \\
 1020 \\
 \hline
 1122
 \end{array}$$

(Or) according to the trees arrangement; total distance of the road:

$$\begin{aligned}
 & \text{— (distance of 1st 4 tree) + (distance of the other 10 groups of tree) + distance of the last tree} \\
 &= (2.6 \times 3 + 1.2) + [(2.6 \times 3 + 1.2 \times 2) \times 10] + (1.2) \\
 &= 9 + (10.2 \times 10) + 1.2 \\
 &= 9 + 102 + 1.2 \\
 &= 112.2 \text{ m}
 \end{aligned}$$